

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/716,095
Source: IFwo
Date Processed by STIC: 2/25/05

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.
PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:
1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY
FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.2.2 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail. Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom. Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05): U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/24/05

Raw Sequence Listing Error Summary

<u>ERROR DETECTED</u>	<u>SUGGESTED CORRECTION</u>	<u>SERIAL NUMBER:</u> <u>10/216,095</u>
ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE		
1 <input type="checkbox"/> Wrapped Nucleic Wrapped Aminos	The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."	
2 <input type="checkbox"/> Invalid Line Length	The rules require that a line not exceed 72 characters in length. This includes white spaces.	
3 <input type="checkbox"/> Misaligned Amino Numbering	The numbering under each 5 th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.	
4 <input type="checkbox"/> Non-ASCII	The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.	
5 <input type="checkbox"/> Variable Length	Sequence(s) <input type="checkbox"/> contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.	
6 <input type="checkbox"/> PatentIn 2.0 "bug"	A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) <input type="checkbox"/> . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.	
7 <input type="checkbox"/> Skipped Sequences (OLD RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence: (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading) (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown) This sequence is intentionally skipped Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.	
8 <input type="checkbox"/> Skipped Sequences (NEW RULES)	Sequence(s) <input type="checkbox"/> missing. If intentional, please insert the following lines for each skipped sequence. <210> sequence id number <400> sequence id number 000	
9 <input type="checkbox"/> Use of n's or Xaa's (NEW RULES)	Use of n's and/or Xaa's have been detected in the Sequence Listing. Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present. In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.	
10 <input type="checkbox"/> Invalid <213> Response	Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence	
11 <input type="checkbox"/> Use of <220>	Sequence(s) <input type="checkbox"/> missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (Sec. 1.823 of Sequence Rules)	
12 <input type="checkbox"/> PatentIn 2.0 "bug"	Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.	
13 <input type="checkbox"/> Misuse of n/Xaa	"n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid	



IFWO

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/716,095

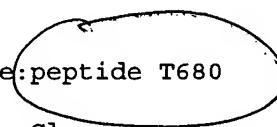
DATE: 02/25/2005
TIME: 14:45:53

Input Set : D:\21489 Sequence listing US.txt
Output Set: N:\CRF4\02252005\J716095.raw

3 <110> APPLICANT: HOFFMANN-LA ROCHE INC
 5 <120> TITLE OF INVENTION: Methods for the recombinant production of antifusogenic
 6 peptides
 8 <130> FILE REFERENCE: 21489 US
 10 <140> CURRENT APPLICATION NUMBER: US 10/716,095
 11 <141> CURRENT FILING DATE: 2003-11-18
 13 <150> PRIOR APPLICATION NUMBER: EP02025618.6
 14 <151> PRIOR FILING DATE: 2002-11-19
 16 <150> PRIOR APPLICATION NUMBER: EP03000988.0
 17 <151> PRIOR FILING DATE: 2003-01-17
 19 <160> NUMBER OF SEQ ID NOS: 13
 21 <170> SOFTWARE: PatentIn Ver. 2.1
 23 <210> SEQ ID NO: 1
 24 <211> LENGTH: 39
 25 <212> TYPE: PRT
 26 <213> ORGANISM: Artificial Sequence
 28 <220> FEATURE:
 29 <223> OTHER INFORMATION: Description of Artificial Sequence peptide T1357
 31 <400> SEQUENCE: 1
 32 Trp Gln Glu Trp Glu Gln Lys Ile Thr Ala Leu Leu Glu Gln Ala Gln
 33 1 5 10 15
 35 Ile Gln Gln Glu Lys Asn Glu Tyr Glu Leu Gln Lys Leu Asp Lys Trp
 36 20 25 30
 38 Ala Ser Leu Trp Glu Trp Phe
 39 35
 42 <210> SEQ ID NO: 2
 43 <211> LENGTH: 36
 44 <212> TYPE: PRT
 45 <213> ORGANISM: Artificial Sequence
 47 <220> FEATURE:
 48 <223> OTHER INFORMATION: Description of Artificial Sequence peptide T680
 50 <400> SEQUENCE: 2
 51 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln
 52 1 5 10 15
 54 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu
 55 20 25 30
 57 Trp Asn Trp Phe
 58 35
 61 <210> SEQ ID NO: 3
 62 <211> LENGTH: 35
 63 <212> TYPE: PRT
 64 <213> ORGANISM: Artificial Sequence
 66 <220> FEATURE:

pp 1-3
Does Not Comply
Connected Diskette Neede

please give source of
genetic material
(see item 11 on
Error Summary
Sheet)



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DATE: 02/25/2005
TIME: 14:45:53

Input Set : D:\21489 Sequence listing US.txt
Output Set: N:\CRF4\02252005\J716095.raw

67 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide RSV118
69 <400> SEQUENCE: 3
70 Phe Asp Ala Ser Ile Ser Gln Val Asn Glu Lys Ile Asn Gln Ser Leu
71 1 5 10 15
73 Ala Phe Ile Arg Lys Ser Asp Glu Leu Leu His Asn Val Asn Ala Gly
74 20 25 30
76 Lys Ser Thr
77 35
80 <210> SEQ ID NO: 4
81 <211> LENGTH: 35
82 <212> TYPE: PRT
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide MV257
88 <400> SEQUENCE: 4
89 Leu His Arg Ile Asp Leu Gly Pro Pro Ile Ser Leu Glu Arg Leu Asp
90 1 5 10 15
92 Val Gly Thr Asn Leu Gly Asn Ala Ile Ala Lys Leu Glu Asp Ala Lys
93 20 25 30
95 Glu Leu Leu
96 35
99 <210> SEQ ID NO: 5
100 <211> LENGTH: 13
101 <212> TYPE: PRT
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
107 <400> SEQUENCE: 5
108 Met Cys Asp Leu Pro Gln Thr His Ser Leu Gly Ser Arg
109 1 5 10
112 <210> SEQ ID NO: 6
113 <211> LENGTH: 13
114 <212> TYPE: PRT
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
120 <400> SEQUENCE: 6
121 Met Ser Asp Leu Pro Gln Thr His Ser Leu Gly Ser Arg
122 1 5 10
125 <210> SEQ ID NO: 7
126 <211> LENGTH: 18
127 <212> TYPE: PRT
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: peptide
133 <400> SEQUENCE: 7
134 Met Ser Asp Leu Pro Gln Thr His His His His His Ser Leu Gly
135 1 5 10 15
137 Ser Arg

RAW SEQUENCE LISTING
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DATE: 02/25/2005
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Input Set : D:\21489 Sequence listing US.txt
Output Set: N:\CRF4\02252005\J716095.raw

141 <210> SEQ ID NO: 8
142 <211> LENGTH: 5
143 <212> TYPE: PRT
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Description of Artificial Sequence:cleavage
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150 <400> SEQUENCE: 8
151 Asp Asp Asp Asp Lys
152 1 5
155 <210> SEQ ID NO: 9
156 <211> LENGTH: 4
157 <212> TYPE: PRT
158 <213> ORGANISM: Artificial Sequence
160 <220> FEATURE:
161 <223> OTHER INFORMATION: Description of Artificial Sequence:cleavage
sequence
164 <400> SEQUENCE: 9
165 Ile Glu Gly Arg
166 1
169 <210> SEQ ID NO: 10
170 <211> LENGTH: 3
171 <212> TYPE: PRT
172 <213> ORGANISM: Artificial Sequence
174 <220> FEATURE:
175 <223> OTHER INFORMATION: Description of Artificial Sequence:cleavage
sequence
178 <400> SEQUENCE: 10
179 Gly Pro Arg
180 1
183 <210> SEQ ID NO: 11
184 <211> LENGTH: 8
185 <212> TYPE: PRT
186 <213> ORGANISM: Artificial Sequence
188 <220> FEATURE:
189 <223> OTHER INFORMATION: Description of Artificial Sequence:cleavage
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192 <400> SEQUENCE: 11
193 His Pro Phe His Leu Leu Val Tyr
194 1 5
197 <210> SEQ ID NO: 12
198 <211> LENGTH: 35
199 <212> TYPE: DNA
200 <213> ORGANISM: Artificial Sequence
202 <220> FEATURE:
203 <223> OTHER INFORMATION: Description of Artificial Sequence:primer N1
205 <400> SEQUENCE: 12
206 aaaaaagcgg ccgcgacaat tcgcgcgcga aggcg
209 <210> SEQ ID NO: 13

RAW SEQUENCE LISTING DATE: 02/25/2005
PATENT APPLICATION: US/10/716,095 TIME: 14:45:53

Input Set : D:\21489 Sequence listing US.txt
Output Set: N:\CRF4\02252005\J716095.raw

210 <211> LENGTH: 36
211 <212> TYPE: DNA
212 <213> ORGANISM: Artificial Sequence
214 <220> FEATURE:
215 <223> OTHER INFORMATION: Description of Artificial Sequence:primer N2
217 <400> SEQUENCE: 13
218 aaaaaaagcgg ccgctcaactg cccgcttcc agtcgg 36

VERIFICATION SUMMARY

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Output Set: N:\CRF4\02252005\J716095.raw